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# INFORMATION REPORT

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 SUBJECT Sugres Power Plant near Sverdlovsk

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SUPPLEMENT TO REPORT NO. 25X1C

25X1A

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[REDACTED]

SOURCE

25X1X

1. The Sugres power plant was about 18 km north of Sverdlovsk (56°58' N/60°27'E), Sverdlovsk Oblast. The power plant on the eastern shore of a lake about 1 1/2 km long and 1/2 km wide had a spur about 2 km long leading to the Sugres railroad station which was at the end of a railroad line running north from Sverdlovsk. The plant had eight smokestacks erected along the shore of the lake. Several power lines branched out to the northeast and southeast from the high tension line on the other side of the main building.

25X1X

2. [REDACTED] the power plant was equipped with four turbines with a capacity of 40,000 kw each. A fifth turbine which had been dismantled in Stettin was installed in the summer of 1949. Tested in September 1949, it was said to be of a greater capacity than the other turbines. The daily coal consumption was about 600 tons.

3. The Sverdlovsk-Nizhni Tavil railroad line was electrically operated. Source did not know whether this line was supplied with power from the power plant.

25X1X

4. [REDACTED] the Sugres power plant was on the southwest side of a lake about 2 km from the Sugres railroad station. The plant covered an area of about 400 x 350 meters, half of which was built up. The plant was being enlarged. Its turbine house, 80 x 30 x 30 meters, had four stories, a flat roof and eight brick smokestacks each more than 40 meters high. The plant also had coal bunkers, conveyor belts, and a railroad connection. In addition, in January 1950, a turbine house, another building of undetermined purpose, and a workers' settlement were under construction. The coal conveyor belts for the second turbine house had already been installed.

25X1A

[REDACTED] the expansion of the power plant was to be completed by 1950, and the number of turbines doubled. In January 1950, all German PW's left the plant.

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CENTRAL INTELLIGENCE AGENCY

25X1X

- (5) The turbine house was off limits to PW's. [REDACTED] installed there were eight Soviet turbines with plates with a name from the Sverdlovsk Oblast. With the exception of the boilers almost all the other equipment was of British or American origin. Coal crushing machines were set up on the fourth floor.
- (6) High-tension lines mounted on double T masts lead from the plant in the direction of Sverdlovsk. Soviets said that it would be the main mission of the plant to supply the electric railroad lines in the Caucasus (sic; Urals?) district. Source himself saw electrically driven trains at the main railroad station in Sverdlovsk.
- (7) The permanent work force of the power plant numbered 40 to 50. About 300 construction workers, including PW's, were employed. However, this number fluctuated a great deal.\*

25X1C

\* [REDACTED] Comment. The location of the Supras power plant has been [REDACTED]. The figures given for the number of turbines vary.

25X1A

The [REDACTED] namely that four old turbines are available to which a new one was added by the summer of 1949, is probably correct.

25X1A

The [REDACTED] that the plant had eight turbines is probably due to a confusion of boilers with turbines. That this was the case is inferred from the fact that the turbines allegedly had plates of a turbine plant located in the Sverdlovsk Oblast. However, there is no such turbine plant in this region. The boilers could have been manufactured in the well-known Sverdlovsk Machine Factory. A capacity of 40,000 kw for each of the old turbines is probably correct.

25X1B

[REDACTED] the capacity of these turbines was 50,000 kw each. From all available information it can be assumed that the capacity of this main power plant in the central Ural district has been increased since 1949. The intention to double its former capacity, as stated by source II, was also mentioned previously.

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